

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1. (Previously Presented) A fuel cell system that is capable of power generation, comprising:
a fuel cell that generates electric power through electrochemical reactions of oxygen included in an oxidizing gas, which is flown through an oxidizing gas conduit provided on a cathode side of an electrolyte membrane, with hydrogen included in a fuel gas, which is flown through a fuel gas conduit provided on an anode side of the electrolyte membrane; and
an electrostatic delivery module that is provided in at least one of said fuel gas conduit and said oxidizing gas conduit and effectuates electrostatic delivery of water droplets flocculated in said at least one gas conduit to deliver the water droplets out of said gas conduit.
2. (Previously Presented) A fuel cell system that is capable of power generation, comprising:
a fuel cell that generates electric power through electrochemical reactions of oxygen included in an oxidizing gas, which is flown through an oxidizing gas conduit provided on a cathode side of an electrolyte membrane, with hydrogen included in a fuel gas, which is flown through a fuel gas conduit provided on an anode side of the electrode membrane;
multiple electrodes that are arranged in at least one of said fuel gas conduit and said oxidizing gas conduit and are covered with an insulator layer; and
a voltage application module that applies a voltage to said multiple electrodes to effectuate electrostatic delivery of water droplets flocculated in said at least one gas conduit and thereby deliver the water droplets out of said gas conduit.
3. (Currently Amended) A fuel cell system in accordance with claim 2, wherein the at least one gas conduit includes an outlet or an inlet, and
wherein said voltage application module applies the voltage to said multiple electrodes to

make an apparent positive-negative variation in voltage toward either ~~[[an]]the~~ outlet or ~~[[an]]the~~ inlet of ~~[[said]]the~~ at least one gas conduit.

4. (Currently Amended) A fuel cell system in accordance with claim 3, wherein ~~said-voltage application module applies the voltage to said multiple electrodes to make an apparent positive-negative variation in voltage toward one of the outlet and the inlet of said at least one gas conduit, one of the outlet or the inlet of the at least one gas conduit~~ ~~[[which]]~~ is located below the other.

5. (Previously Presented) A fuel cell system in accordance with claim 2, wherein said multiple electrodes are placed at a specific position having a high potential for flocculation to water droplets in said at least one gas conduit.

6. (Previously Presented) A fuel cell system in accordance with claim 2, wherein said fuel cell has a membrane electrode assembly that includes the anode and the cathode arranged across the electrolyte membrane, and a pair of electrically conductive separators that are placed across the membrane electrode assembly,

said oxidizing gas conduit is defined by the cathode and a groove formed in one of the pair of electrically conductive separators,

said fuel gas conduit is defined by the anode and a groove formed in the other of the pair of electrically conductive separators, and

said multiple electrodes are placed in the groove of at least one of said fuel gas conduit and said oxidizing gas conduit.

7. (Previously Presented) A fuel cell system in accordance with claim 2, said fuel cell system further comprising:

a driving state detection module that detects a driving state of said fuel cell; and

a voltage application control module that determines actuation or non-actuation of said voltage application module to apply or not to apply the voltage to said multiple electrodes, based on the detected driving state of said fuel cell.

8. (Original) A fuel cell system in accordance with claim 7, said fuel cell system further comprising:

a driving state specification module that determines whether the driving state of said fuel cell detected by said driving state detection module reaches a predetermined driving state having a high potential for flocculation to water droplets in said oxidizing gas conduit,

wherein said voltage application control module actuates said voltage application module to apply the voltage to said multiple electrodes, when said driving state specification module determines that the detected driving state of said fuel cell reaches the predetermined driving state.

9. (Original) A fuel cell system in accordance with claim 7, said fuel cell system further comprising:

a driving state specification module that determines whether the driving state of said fuel cell detected by said driving state detection module represents an excess water content,

wherein said voltage application control module actuates said voltage application module to apply the voltage to said multiple electrodes, when said driving state specification module determines that the detected driving state of said fuel cell represents the excess water content.

10. (Previously Presented) A fuel cell system in accordance with claim 2, said fuel cell system further comprising:

a voltage application control module that controls said voltage application module to continuously apply the voltage to said multiple electrodes and thereby effectuate electrostatic delivery of the water droplets during an operation of said fuel cell.

11. (Previously Presented) A vehicle having a fuel cell system mounted thereon, wherein said fuel cell system comprises:

a fuel cell that generates electric power through electrochemical reactions of oxygen included in an oxidizing gas, which is flown through an oxidizing gas conduit provided on a cathode side of an electrolyte membrane, with hydrogen included in a fuel gas, which is flown

through a fuel gas conduit provided on an anode side of the electrolyte membrane; and
an electrostatic delivery module that is provided in at least one of said fuel gas conduit and said oxidizing gas conduit and effectuates electrostatic delivery of water droplets flocculated in said at least one gas conduit to deliver the water droplets out of said gas conduit.

12. (Previously Presented) A vehicle having a fuel cell system mounted thereon, wherein said fuel cell system comprises:

a fuel cell that generates electric power through electrochemical reactions of oxygen included in an oxidizing gas, which is flown through an oxidizing gas conduit provided on a cathode side of an electrolyte membrane, with hydrogen included in a fuel gas, which is flown through a fuel gas conduit provided on an anode side of the electrode membrane;

multiple electrodes that are arranged in at least one of said fuel gas conduit and said oxidizing gas conduit and are covered with an insulator layer; and

a voltage application module that applies a voltage to said multiple electrodes to effectuate electrostatic delivery of water droplets flocculated in said at least one gas conduit and thereby deliver the water droplets out of said gas conduit.

13. (Previously Presented) A vehicle in accordance with claim 12, wherein said fuel cell system further comprises:

a driving state detection module that detects a driving state of said fuel cell; and

a voltage application control module that determines actuation or non-actuation of said voltage application module to apply or not to apply the voltage to said multiple electrodes, based on the detected driving state of said fuel cell.